

# IEC Battery Test Stand

(UBT, HEW, WT)

Shelton CT, USA - Aachen, Germany - Qingdao, China

# IEC Battery Test Stand (UBT, HEW, WT)



# IEC Battery Test Stand (UBT, HEW, WT)

Application: Testing light truck batteries

Description: Automatic IEC test stand for long-term cycle life and cold cranking test without any manual battery handling.

# IEC Battery Test Stand (UBT, HEW, WT)

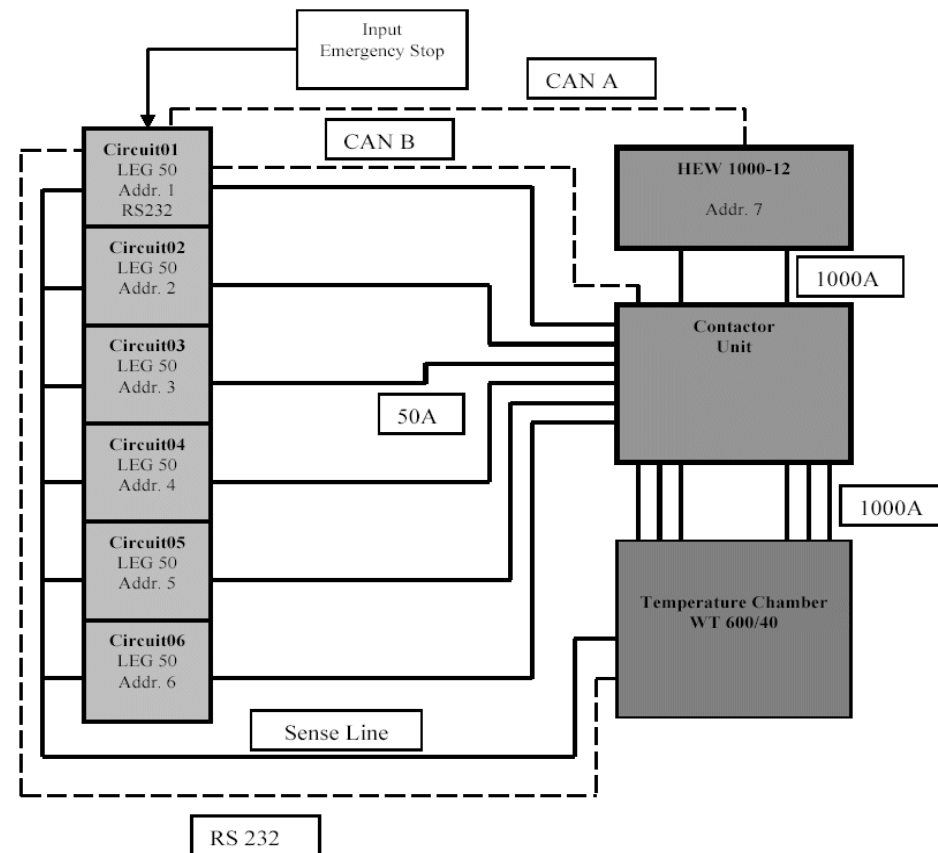
## Special Features

- BTS-600 host computer control
- All test data for one battery stored in one data file
- MicroME control for UBT, HEW, contactor unit, and temperature chamber
- Hydrogen detection system
- Compressed air flooding of the temperature chamber when hydrogen concentration exceeds specified limits

# IEC Battery Test Stand (UBT, HEW, WT)



# IEC Battery Test Stand (UBT, HEW, WT)



# IEC Battery Test Stand (UBT, HEW, WT)

## UBT 50-18-6

Technical Data	
Charge/Discharge Current:	0.05- 50 A
Charge Voltage:	10 – 18 V
Discharge Voltage:	5 – 15 V
Resolution:	± 15 bit
Accuracy 10 -100%:	0.5% of set value
Accuracy 0 - 10%:	0.05% f.s.
Power:	3 x 400 V, 50 Hz, 10 kVA
Dimensions (HxWxD):	195 x 67 x 80 cm
Weight:	300 kg

# IEC Battery Test Stand (UBT, HEW, WT)

## HEW 1000-12

Technical Data	
Discharge Current, Cold Cranking (3 min):	10 - 1000 A
Discharge Current, Continuous:	10 - 600 A
Discharge Voltage:	5 – 15 V
Accuracy 10 -100%:	0.5% of set value
Accuracy 0 - 10%:	0.05% f.s.
Input Power Supply:	1-phase, 50/60 Hz, 3 A
Dimensions HxWxD:	195 x 67 x 80 cm

# IEC Battery Test Stand (UBT, HEW, WT)

## WT 600-40

Technical Data	
Temperature range:	-40°C up to +70°C
Average cooling rate:	3,0°C / min
Average heating rate:	4,0°C / min
Max. heat compensation:	2500 Watt
Test space dimensions HxWxD:	95 x 76 x 80 cm